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TITLE: Energy activated electrographic printing process

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INVENTOR-INFORMATION:

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US-CL-CURRENT: 430/124; 347/112, 430/126

CLAIMS:

What is claimed is:

1. A process of printing an image using an electrographic printer and an energy reactive toner, comprising the steps of: a. preparing a toner comprising at least one compound comprising active hydrogen, at least one compound comprising at least one functional group which is capable of reacting with said active hydrogen, and at least one protecting agent that protects said toner by inhibiting a reaction between said at least one compound comprising active hydrogen and at least one compound comprising at least one functional group which is capable of reacting with said active hydrogen during storage and printing of said toner; b. supplying an electrographic printer with said toner; c. printing a portion of said toner by means of said electrographic printer onto a first substrate so that printed toner is present on said first substrate; and d. subsequently applying energy to said printed toner to remove protection provided by said protecting agent, and reacting said at least one compound comprising active hydrogen and at least one compound comprising at least one functional group which is capable of reacting with said active hydrogen.

2. A process of printing an image using an electrographic printer and an energy reactive toner as described in claim 1, further comprising the step of transferring said printed toner from said first substrate to a second substrate when energy is applied to said printed toner to remove said protecting agent, wherein the reaction of said active hydrogen with said at least one compound comprising at least one functional group which is capable of reacting with said active hydrogen permanently bonds said printed toner to said second substrate.

3. A process of printing an image using an electrographic printer and an energy reactive toner as described in claim 1, wherein said toner further comprises a colorant, and wherein during printing of a portion of said toner, an image is formed on said first substrate by means of said printed toner.

4. A process of printing an image using an electrographic printer and an energy reactive toner as described in claim 2, wherein said toner further comprises a colorant, and wherein during printing of a portion of said toner, an image is formed on said first substrate by means of said printed toner, and wherein said image is

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